

**REMARKS**

Claims 1-10 were pending in the present application. In the above amendments, Claims 1 and 10 have been currently amended, Claim 6 has been canceled, and new Claims 11-33 have been added. Therefore, after entry of the above amendments, Claims 1-5 and 7-33 will be pending in this application, in which Claims 1, 10, 22 and 31 are independent claims. Support for the amendment may be found throughout the specification and drawings, especially in paragraph [0091] at page 7 of the specification.

Applicants believe that the present application is now in condition for allowance, for which prompt and favorable action is respectfully requested.

**I. SPECIFICATION**

The specification was objected to because of informalities. Applicants have provided the corresponding application numbers of the co-pending applications.

**II. REJECTION UNDER 35 U.S.C. §102**

Claims 1-5, 8 and 10 were rejected under 35 U.S.C. 102(b) as being allegedly anticipated by Persson et al., U.S. Patent No. 6,144,653 (hereinafter "Persson"). The rejection is respectfully traversed in its entirety.

Anticipation requires the disclosure in a single prior art reference of each element of the claim under consideration. *W.L. Gore & Assocs. v. Garlock*, 721 F.2d 1540, 220 USPQ 303 (Fed. Cir. 1983), cert. denied, 469 U.S. 851 (1984). Further, "anticipation requires the presence in a single prior art reference disclosure of each and every element of the claimed invention, arranged as in the claim." *Lindemann Maschinenfabrik GmbH v. American Hoist & Derrick*

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*Co.*, 730 F.2d 1452, 221 USPQ 481, 485 (Fed. Cir. 1984) (citing *Connell v. Sears, Roebuck & Co.*, 722 F.2d 1542, 220 USPQ 193 (Fed. Cir. 1983)) (emphasis added).

In one aspect of the present invention, shared secret data is used to authenticate and encrypt between a CDMA network and a GSM network such that a mobile station having a subscription in a GSM network can roam into a CDMA network and be authenticated to use the CDMA network and have messages encrypted without having a CDMA subscription. The goal of authenticating a GSM subscriber in a CDMA network using GSM authentication credentials is achieved by substituting a key Kc as SSD-A and messages are encrypted substituting Kc as SSD-B using a CAVE algorithm.

Independent Claims 1 and 10, as amended, each recite, among other things, an element of "the first network being a GSM network." Independent Claims 22 and 31 each recite, among other things, an element of "the second network being a CDMA network." Applicants respectfully submit that these elements are not taught or suggested by Persson. As correctly admitted by the Patent Office:

"Persson et al. does not mention the first network is a GSM network and wherein the second network is a CDMA network." (Office Action, Page 3, Bottom 2 lines).

Thus, all pending independent Claims 1, 10, 22 and 31 are allowable.

As a result, all pending claims are allowable.

### III. ALLOWABLE SUBJECT MATTER

The Patent Office has indicated that original Claims 6-7 and 9 "would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims" (Office Action, Page 3). In accordance with the Patent Office's instruction, Applicants have rewritten original Claim 6 into pending independent Claim 1, and original Claim

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7 into pending independent Claim 22. Thus, pending Claims 1, 9 and 22 should be allowed.

Applicants understood that the reasons for the indication of allowable subject matter given by the Patent Office at Page 3 of Office Action were made in accordance with the following instruction per MPEP § 1302.14:

"The statement is not intended to necessarily state all the reasons for allowance or all the details why claims are allowed and should not be written to specifically or impliedly state that all the reasons for allowance are set forth."

### CONCLUSION

In light of the amendments contained herein, Applicants respectfully submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

Dated: April 17, 2006

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